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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

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## Complete if Known

Application Number	10/772,636
Filing Date	February 5, 2004
First Named Inventor	Louise M. Kelly, et al.
Group Art Unit	1646
Examiner Name	Howard, Zachary C.
Attorney Docket Number	MPI03-01SP1RNOMNIM

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document (MM-DD-YYYY)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
ZH	AA	6,607,879	B1	Incyte Corporation	08-19-2003	SEQ. 1474, g755652, Entire document
ZH	AB	2003/0232054	A1	Y. Tom Tang, et al.	12-18-2003	Human Polypeptide #14, SEQ ID 722, Entire document

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document (MM-DD-YYYY)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Code <sup>5</sup> Office <sup>3</sup> known)	Kind Number <sup>4</sup> (if					
ZH	BA	WO	01/55437	A2	HYSEQ, Inc.	08-02-2001	SEQ ID 722, pp. 1-99, 132, 157-161, Seq. Listing pp.631-632	
↓	BB	WO	2004/072242	A2	Millennium Pharmaceuticals, Inc.	08-26-2004	965 Molecule, SEQ ID 63 & 64, pp. 1-12, 34-35, 42-158, Seq Listing pp. 116-129	
✓	BC	WO	02/068579	A2	PE Corporation	09-06-2002	SEQ ID 8763, Entire document	

Examiner Signature

Zach Howard

Date Considered

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/772,636
				Filing Date	February 5, 2004
				First Named Inventor	Louise M. Kelly, et al.
				Group Art Unit	1646
				Examiner Name	Howard, Zachary C.
				Attorney Docket Number	MPI03-015PIRNOMNIM
Sheet	1	of	3		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.†	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.		T‡
3H	CA	ADACHI, Masaaki, et al., "Protein-Tyrosine Phosphatase Expression in Pre-B Cell NALM-6", <i>Cancer Research</i> , Vol. 52, (February 1, 1992), pp. 737-740.		
	CB	KITAMURA, Takaya, et al., "Gene Expressions of Protein Tyrosine Phosphatases in Regenerating Rat Liver and Rat Ascites Hepatoma Cells," <i>Japanese Journal of Cancer Research</i> , Vol. 86, (September 1995), pp. 811-818.		
	CC	KATSURA, Hideki, et al., "Two Closely Related Receptor-Type Tyrosine Phosphatases Are Differentially Expressed During Rat Lung Development," <i>Developmental Dynamics</i> , Vol. 204, (1995), pp. 89-97.		
	CD	SHOCK, Lisa P., et al., "Protein Tyrosine Phosphatases Expressed in Developing Brain and Retinal Muller Glia," <i>Molecular Brain Research</i> , Vol. 28, (1995), pp. 110-116.		
	CE	PULIDO, Rafael, et al., "Molecular Characterization of the Human Transmembrane Protein-Tyrosine Phosphatase δ," <i>The Journal of Biological Chemistry</i> , Vol. 270, No. 12, (March 24, 1995), pp. 6722-6728.		
	CF	PULIDO, Rafael, et al., "The LAR/PTPδ/PTPσ Subfamily of Transmembrane Protein-Tyrosine-Phosphatases: Multiple Human LAR, PTPδ, and PTPσ Isoforms are Expressed in a Tissue-Specific Manner and Associate with the LAR-Interacting Protein LIP.1," <i>Proceedings of the National Academy of Science</i> , Vol. 92, (December 1995), pp. 11686-11690.		
	CG	MIZUNO, Kazuya, et al., "MPTPδ, a Putative Murine Homolog of HPTPδ, Is Expressed in Specialized Regions of the Brain and in the B-Cell Lineage," <i>Molecular and Cellular Biology</i> , (September 1993), pp. 5513-5523.		
	CH	UETANI, Noriko, et al., "Impaired Learning with Enhanced Hippocampal Long-Term Potentiation in PTPδ-Deficient Mice," <i>The EMBO Journal</i> , Vol. 19, No. 12, (2000), pp. 2775-2785.		
✓	CI	GOLDSTEIN, B.J., "Rat Leukocyte Common Antigen-Related Phosphatase (LAR-PTP2) mRNA, complete cds," August 5, 1994 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. U11587.		

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First Named Inventor	Louise M. Kelly, et al.				
Group Art Unit	1646				
Examiner Name	Howard, Zachary C.				
Attorney Docket Number	MPI03-015P1RNOMNIM				
Sheet	2	of	3		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
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ZH	CJ	YAKURA, H., et al., "Mouse cDNA Encoding Receptor-Type Tyrosine Phosphatase Delta," September 29, 1997 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. F09890.	1	
	CK	JOHNSON, K.G., et al., "Xenopus Laevis Receptor Protein Tyrosine Phosphatase Delta (XPTP-D) mRNA, complete cds," March 21, 2000 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. AF197944.	1	
	CL	FEHR, C., et al., "Mus Musculus DBA/2J Protein Tyrosine Phosphatase, Receptor Type, Delta A (Ptpd) mRNA, complete cds," June 26, 2002 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. AF326560.	1	
	CM	FEHR, C., et al., "Mus Musculus C57BL/6J Protein Tyrosine Phosphatase, Receptor Type, Delta A (Ptpd) mRNA, complete cds," June 26, 2002 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. AF326559.	1	
	CN	SAITO, H., "Human HPTP Delta mRNA for Protein Tyrosine Phosphatase Delta," created September 19, 1995 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. X54133.	1	
	CO	PULIDO, R., et al., "Homo Sapiens Protein Tyrosine Phosphatase Delta mRNA, complete cds," April 9, 1995 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. L38929.	1	
	CP	COCKS, B.G., et al., "Sequence 1473 From Patent US 6607879," December 18, 2003 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 28, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. AR380928. Patent US 6607879 submitted herewith as Cite No. AA.	1	
	CQ	VENTER, C.J., et al., "Sequence 8763 from Patent WO 02068579," February 3, 2004 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 28, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenBank Accession No. CQ722029. Patent WO 02068579 submitted herewith as Cite No. BC.	1	
✓	CR	PULIDO, R., et al., "Receptor-Type Tyrosine-Protein Phosphatase Delta Precursor (Protein-Tyrosine Phosphatase Delta) (R-PTP-Delta)," created November 1, 1991 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> . GenPept Accession No. P23468.	1	

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				Application Number	10/772,636
				Filing Date	February 5, 2004
				First Named Inventor	Louise M. Kelly, et al.
				Group Art Unit	1646
				Examiner Name	Howard, Zachary C.
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Sheet	3	of	3		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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311	CS	MIZUNO, K., et al., "Protein-Tyrosine-Phosphatase (EC 3.1.3.48), Receptor Type Delta, Splice Form B Precursor - Mouse," February 12, 1999 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> GenPept Accession No. C54689.	
	CT	MIZUNO, K., et al., "Protein-Tyrosine-Phosphatase (EC 3.1.3.48), Receptor Type Delta, Splice Form D Precursor - Mouse," September 10, 1999 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> GenPept Accession No. D54689.	
↓	CU	YAN, H., et al., "Protein-Tyrosine-Phosphatase (EC 3.1.3.48), Type Sigma Precursor - Rat," July 23, 1999 (sequence) GenPept [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 27, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> GenPept Accession No. S46217.	

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ZH	CV	QIN, K. et al, "Molecular Cloning of Multiple cDNAs Encoding Human Enzymes Structurally Related to 3 Alpha-Hydroxysteroid Dehydrogenase," <i>Journal of Steroid Biochem. Molec. Biol.</i> , Vol. 46, No. 6, (December 1993), pp. 673-679.	
ZH	CW	FOOTE, M. et al., "Pharmacologic and Cytokine Treatment of Commonly Encountered Anemias," <i>Cytokines, Cellular &amp; Molecular Therapy</i> , Vol. 7, No. 2, (December 2002), pp. 49-59.	
ZH	CX	QIN, K., et al., "Molecular Cloning of Multiple cDNAs Encoding Human Enzymes Structurally Related to 3 Alpha-Hydroxysteroid Dehydrogenase," July 21, 2000 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on April 18, 2005]. Retrieved from the Internet: URL: <a href="http://www.ncbi.nlm.nih.gov/">http://www.ncbi.nlm.nih.gov/</a> GenBank Accession No. <del>173674</del>	

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